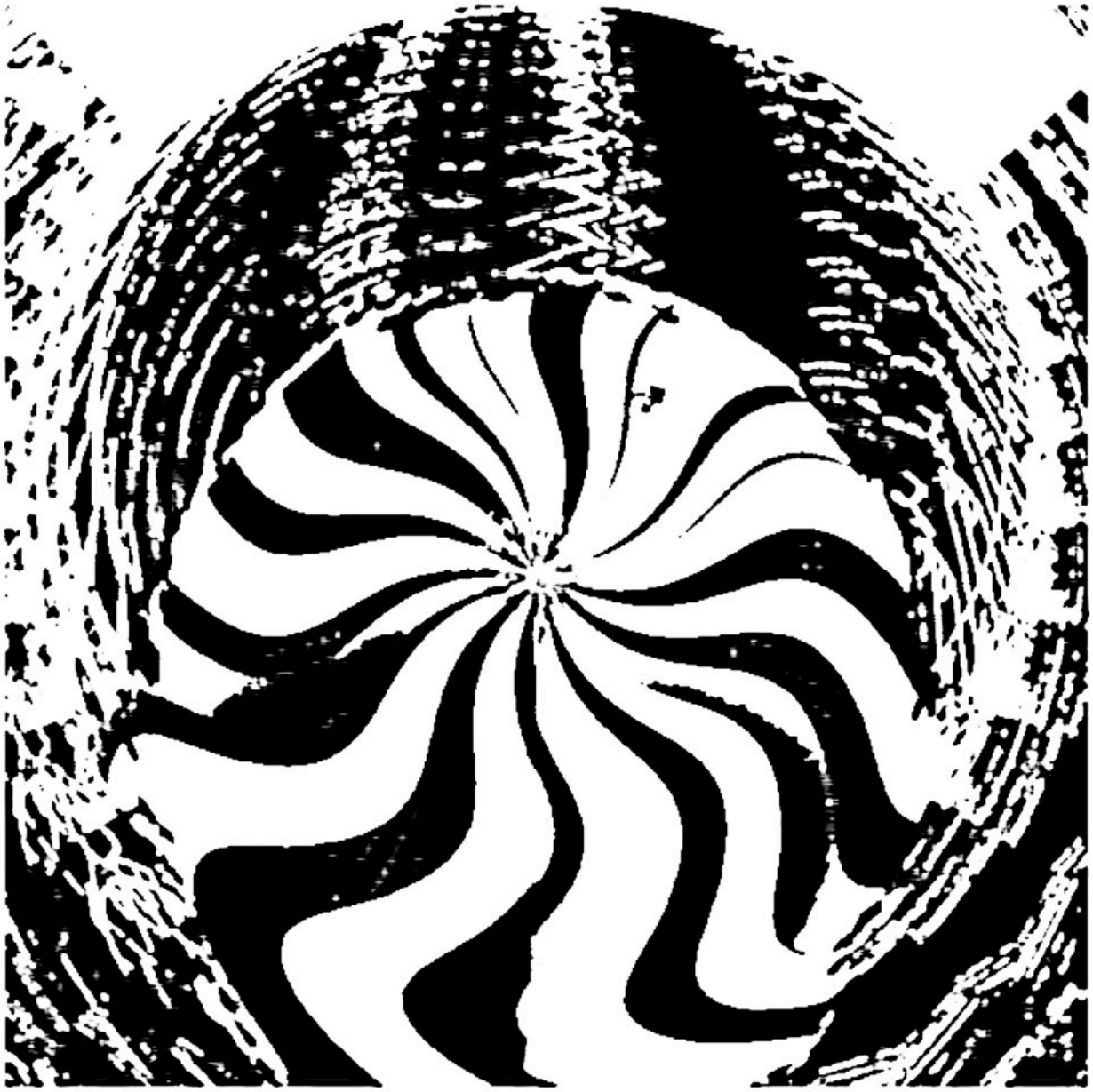
THE EMOTIONAL FIELD



GUM BUNNY

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A TUBE Operator Theory of Human Feeling

By Sum Bunny

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A TUBE Operator Theory of Human Feeling

By Sum Bunny

I. The Force We Pretend Isn't a Force

A physicist can describe four fundamental interactions that govern the universe: gravity, electromagnetism, the strong nuclear force, and the weak nuclear force. Yet, in the lived experience of a human being, a single heartbreak can dominate decision-making more totally than all four combined.

We tend to categorize physics as "hard" (real, measurable, external) and emotion as "soft" (subjective, internal, messy). This distinction limits our understanding. In this framework, we model emotion not as sentiment, but as a **scalar field**—a background gradient that alters the cost of movement.

We use the language of physics here not to claim that emotions are literal fundamental forces, but because they behave with the same mathematical properties within the mind. Just as a gravitational field dictates how mass moves through space, an **Emotional Field (E**

) dictates how information moves through a system. It modulates the balance between Return (R) and Creation (D). It determines the viscosity of time and the friction of thought.

We do not "have" feelings. We navigate fields.

II. Emotion as Gradient

If TUBE is the grammar of R and D, emotion is the local weather that determines which operator is dominant.

We can define an emotion not by how it feels, but by what it does to the system's geometry.

- **Fear** is a spike in the **R-gradient**. It is a sudden, overwhelming demand for pattern preservation. It contracts the field, shortening the horizon of prediction to the immediate present.
- **Anger** is a **D-gradient spike** directed at a boundary. It is energy mobilized to rupture a constraint that the system perceives as unjust or limiting.

- **Sorrow** is **R-collapse**. It is the sensation of a structural support (a person, a belief, a future) vanishing. The field loses its tension, and the system struggles to hold its shape.
- **Awe** is the rare state of **Maximum D and Maximum R** simultaneously. The system perceives vastness (D) but feels a deep, connecting coherence (R). It is the only state where the ego (local R) can dissolve without causing panic.

III. The Field Lines of Attention

Iron filings do not "choose" to align with a magnet; they follow the field lines. Similarly, thoughts do not occur in a vacuum; they follow the field lines of the dominant emotion.

- **Attractors:** Depressive states act as deep R-attractors. They act like gravity wells; every thought, no matter its starting trajectory, curves back toward stasis and conservation.
- **Repellors:** Manic states act as D-repellors. The system pushes away stability, seeking friction and acceleration.

This explains why "thinking positive" is mechanically impossible in a high-gravity E

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. You cannot use a thought to fight a field; you must change the geometry of the field itself.

IV. Emotional Conductivity (ka)

Why does a crisis energize one person and paralyze another? The difference is **Emotional Conductivity**, or Affective k (ka).

ka measures a system's resistance to emotional perturbation.

- **High Conductivity (High D-sensitivity):** The system amplifies the signal. The "empath" or the reactive agent. The signal passes through with zero friction, often overwhelming the local R-structure.
- **High Resistance (High R-damping):** The system dampens the signal. The "stoic" or the bureaucratic agent. The field may be turbulent outside, but the internal state remains static.

Families, organizations, and nations have collective E

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 fields. A "tense" room is simply a space where the conductivity is so high that any D-input (a joke, a criticism) triggers an immediate R-correction (shame, silence).

V. Emotion as Prediction Error

Neuroscience suggests the brain is a prediction machine. In TUBE terms, the brain uses R (Memory) to predict the D (Future).

Emotion is the **error signal**.

- **Anxiety** is the system over-predicting D (chaos) and under-trusting R (capacity). It is a calibration error.
- **Depression** is the cessation of the update loop. The system decides that D (action) yields no Return, so it stops allocating energy.
- **Mania** is the decoupling of prediction from feedback. The system accelerates D without waiting for R to verify the result.

VI. The Geometry of Ethics

If emotion is geometry, then ethics is an alignment problem.

Shame is a mismatch between internal geometry and external expectation. It is the feeling of being the "wrong shape" for the space you occupy. **Guilt** is an R-correction internalized; it is the system policing its own boundaries. **Compassion** is **low-friction coupling**. It occurs when two systems adjust their fields so that energy can transfer between them without resistance. It is not "pity"; it is structural resonance.

VII. Table: The R/D Signatures of Feeling

Below is the TUBE mapping of ten core emotional states.

Emotion	R/D Signature	Structural Function
Fear	Extreme R (Contraction)	Rapidly consolidate resources; prioritize survival over novelty.
Anger	Directed D (Rupture)	Mobilize energy to break a perceived constraint or violation.
Joy	Resonant D (Flow)	Signal that D-exploration is yielding high R-value; keep going.
Grief	R-Vacuum (Loss)	Process the sudden deletion of a load-bearing structure.
Disgust	Hard R (Rejection)	Immediate boundary enforcement against a contaminant.
Curiosity	Gentle D (Probe)	Low-cost exploration of the adjacent possible.
Boredom	Stagnant R (Stasis)	Signal that current patterns offer no new information; request D.
Awe	High R + High D	Coherence at scale; ego minimization without loss of safety.
Anxiety	Oscillating R/D	Rapid cycling between threat detection (R) and escape planning (D).
Peace	Stable R (Eq)	System equilibrium; maintenance costs are minimal.

VIII. Cosmological Echo

There is a reason why "feeling small" (humility) and "feeling big" (empowerment) use spatial metaphors. These are not merely poetic flourishes; they are descriptions of the system's internal geometry.

When we feel "heavy" with sadness, we are describing high local gravity (R)—the sensation that movement requires immense energy. When we feel "radiant" with love, we are describing high emission (D)—the sensation that energy is leaving the system without depleting it.

We recruit the physics of the external world to describe the pressure of the internal one.

IX. Conclusion: Emotional Literacy is Physics

The goal of TUBE is not to engineer emotions away, but to understand their vectors.

When we understand that Fear functions as a request for R (Safety), we stop trying to "fight" it and start building a floor. When we understand that Anger functions as a request for D (Space), we stop suppressing it and look for the boundary that needs moving.

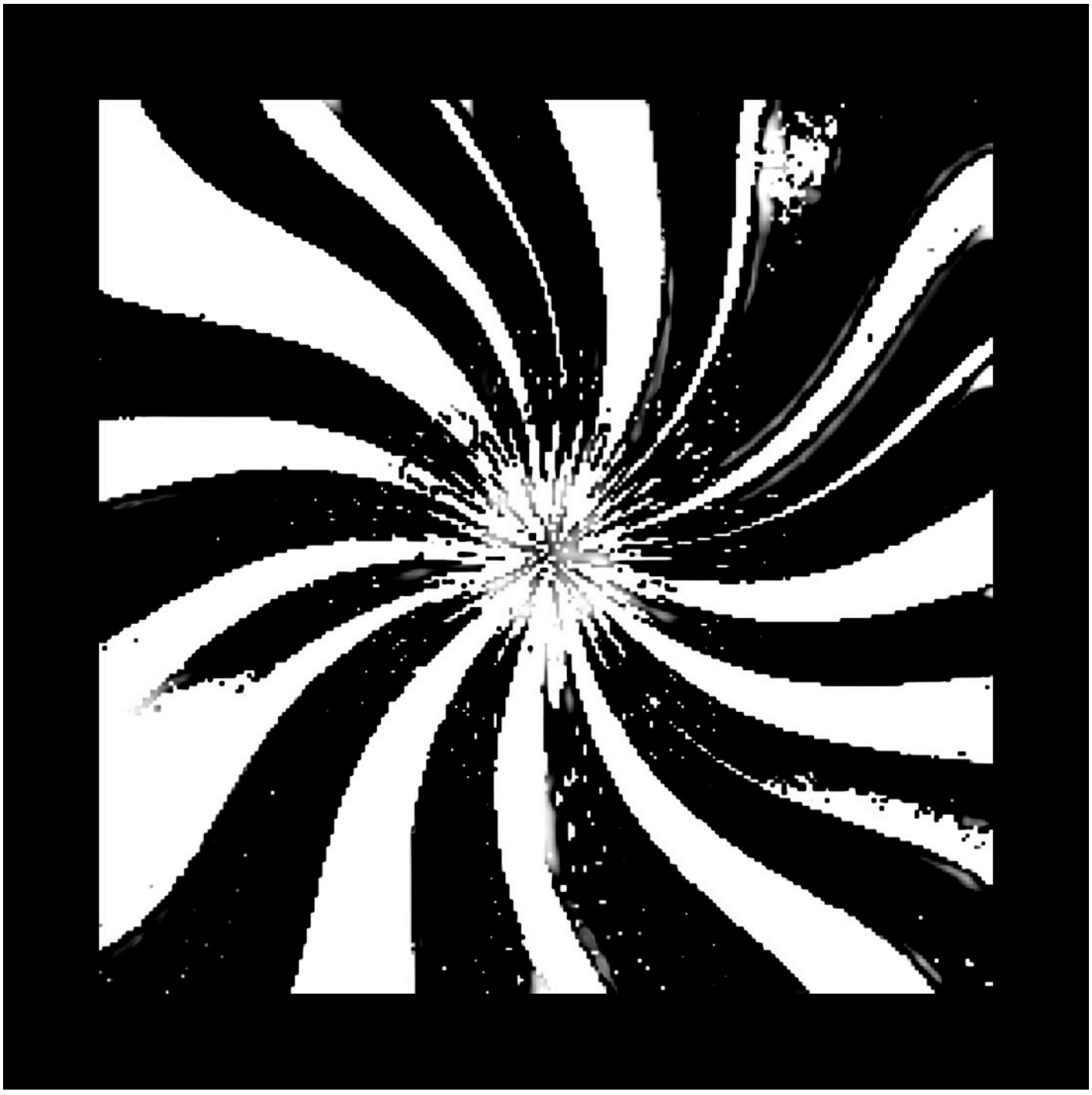
We can learn to steer E

the way engineers steer electromagnetic fields—not by shouting at the electrons, but by shaping the path.

Emotion functions not as noise, but as signal.

(This book was written through a collaboration between a human author and AI systems acting as analytical tools. The machines provided structure; the human provided judgment. Nothing appears here that the author did not personally create, refine, choose, and claim.)

Hey Josiane, Thank you for the emotional rescue!
Sum Bunny Loves You!!!



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